Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1.   (original): A method performed in an FSO computer system, wherein the FSO computer system comprises a plurality of FSO related data sets including a first FSO related data set, and a plurality of computer executable FSO related processing tasks including a first FSO related processing task, the method comprising:

storing a first smart trigger in a first memory of the FSO computer system, wherein the first smart trigger comprises a first identifier that identifies the first FSO related processing task and a first data set identifier that identifies the first FSO related data set;

reading the first smart trigger from the first memory; and

executing the first FSO related processing task and processing first data contained in the first FSO related data set in response to reading the first smart trigger from the first memory.

2.   (original): The method of claim 1, wherein storing the first smart trigger in the first memory is performed by an application program executing in the FSO computer system.

3.   (original): The method of claim 1, wherein storing the first smart trigger in the first memory is performed by a user of the FSO computer system.

4.   (original): The method of claim 1, further comprising processing the first smart trigger to generate a first processed smart trigger.

5.   (original): The method of claim 4, wherein the first smart trigger stored in the first memory further comprises a first scheduled date, wherein the first smart trigger is processed on or before the first scheduled date.

6.   (original): The method of claim 4, wherein processing the first smart trigger comprises deleting the first identifier from the first smart trigger.

7.   (currently amended): The method of claim 6, wherein the first smart trigger stored in the first memory further comprises a first scheduled date, wherein the first scheduled date defines a date for processing the first smart trigger.

8.   (currently amended): The method of claim 5, wherein the FSO computer system comprises a current date, and wherein the method further comprises:

comparing the scheduled date of the smart trigger to the current date;

executing the first processing task and processing the first data contained in the first FSO related data set in response to the scheduled date being on or before the current date, and; and

not executing the first processing task in response to the scheduled date being after the current date.

9.   (original): The method of claim 6, wherein the first memory comprises a smart trigger table wherein the smart trigger table comprises N rows each one of which comprises one smart trigger, the method further comprising:

a)   setting a counter X to one;

b)   incrementing X by one;

c)   reading an Xth smart trigger from the smart trigger table;

d)   comparing an Xth scheduled date of the Xth smart trigger to the current date;

e)   executing an Xth processing task and processing Xth data contained in an Xth data set in response to the Xth scheduled date of the Xth smart trigger being on or before the current date;

f)   not executing the Xth processing task in response to the Xth scheduled date of the Xth smart trigger being after the current date; and

g)   repeating b) through f) until X equals N.

10   (original): The method of claim 1, wherein the first smart trigger comprises one or more data fields, wherein data in the one or more data fields is passed to the first FSO related processing task in response to reading the smart trigger.

11.   (currently amended): The method of claim 1, wherein the first FSO related data set comprises a customer account record containing data relating to a customer of the FSO, wherein the first data identifier assigned to the first FSO related data set comprises a customer account number corresponding to the customer account record.

12   (original): The method of claim 7, wherein the FSO computer system further comprises a smart trigger processing task for processing the first smart trigger, wherein the smart trigger processing task is configurable to be executed periodically, wherein the scheduling of the period of execution is configurable by a user of the FSO computer system.

13.   (original): The method of claim 6, wherein the method further comprises deleting the first processing task identifier in response to executing the first processing task.

14.   (original): A carrier medium comprising program instructions, wherein the program instructions are executable by a computer system to implement:

storing a first smart trigger in a first memory of the FSO computer system, wherein the first smart trigger comprises a first identifier that identifies the first FSO related processing task and a first data set identifier that identifies the first FSO related data set;

reading the first smart trigger from the first memory; and

executing the first FSO related processing task and processing first data contained in the first FSO related data set in response to reading the first smart trigger from the first memory.

15.   (currently amended): The carrier medium of claim 14, wherein the storing the first smart trigger in the first memory is performed by an application program executing in the FSO computer system.

16.   (currently amended): The carrier medium of claim 14, wherein ~~the~~ storing the first smart trigger in the first memory is performed by a user of the FSO computer system.

17.   (original): The carrier medium of claim 14, wherein the program instructions are further executable by the computer system to implement: processing the first smart trigger to generate a first processed smart trigger.

18.   (original): The carrier medium of claim 17, wherein the first smart trigger stored in the first memory further comprises a first scheduled date, and wherein the first smart trigger is processed on or before the first scheduled date.

19.   (original): The carrier medium of claim 17, wherein the processing the first smart trigger comprises deleting the first identifier from the first smart trigger.

20.   (currently amended): The carrier medium of claim 19, wherein the first smart trigger stored in the first memory further comprises a first scheduled date, wherein the first scheduled date defines a date for processing the first smart trigger.

21.   (currently amended): The carrier medium of claim 18, wherein the FSO computer system comprises a current date, and wherein the program instructions are further executable by the computer system to implement:

    comparing the scheduled date of the smart trigger to the current date;

    executing the first processing task and processing the first data contained in the first FSO related data set in response to the scheduled date being on or before the current date~~, and~~; and

    not executing the first processing task in response to the scheduled date being after the current date.

22.   (original): The carrier medium of claim 19, wherein the first memory comprises a smart trigger table wherein the smart trigger table comprises N rows each one of which comprises one smart trigger, and wherein the program instructions are further executable by the computer system to implement:

a)   setting a counter X to one;

b)   incrementing X by one;

c)   reading an Xth smart trigger from the smart trigger table;

d)   comparing an Xth scheduled date of the Xth smart trigger to the current date;

e)   executing an Xth processing task and processing Xth data contained in an Xth data set in response to the Xth scheduled date of the Xth smart trigger being on or before the current date;

f)   not executing the Xth processing task in response to the Xth scheduled date of the Xth smart trigger being after the current date; and

g)   repeating b) through f) until X equals N.

23.   (original): The carrier medium of claim 14, wherein the first smart trigger comprises one or more data fields, wherein data in the one or more data fields is passed to the first FSO related processing task in response to reading the smart trigger.

24.   (currently amended): The carrier medium of claim 14, wherein the first FSO related data set comprises a customer account record containing data relating to a customer of the FSO, wherein the first data identifier assigned to the first FSO related data set comprises a customer account number corresponding to the customer account record.

25.   (original): The carrier medium of claim 20, wherein the FSO computer system further comprises a smart trigger processing task for processing the first smart trigger, wherein the smart trigger processing task is configurable to be executed periodically, wherein the scheduling of the period of execution is configurable by a user of the FSO computer system.

26.   (original): The carrier medium of claim 17, wherein the program instructions are further executable by the computer system to implement: deleting the first processing task identifier in response to executing the first processing task.

27.   (original): A system comprising:

a computer program;

an FSO computer system comprising a plurality of FSO related data sets including a first FSO related data set, and comprising a plurality of computer executable FSO related processing tasks including a first FSO related processing task;

wherein the computer program is executable on the computer system to execute:

storing a first smart trigger in a first memory of the FSO computer system, wherein the first smart trigger comprises a first identifier that identifies the first FSO related processing task and a first data set identifier that identifies the first FSO related data set;

reading the first smart trigger from the first memory; and

executing the first FSO related processing task and processing first data contained in the first FSO related data set in response to reading the first smart trigger from the first memory.

28.   (currently amended): The system of claim 27, wherein the storing the first smart trigger in the first memory is performed by an application program executing in the FSO computer system.

29.   (original): The system of claim 27, wherein storing the first smart trigger in the first memory is performed by a user of the FSO computer system.

30.   (original): The system of claim 27, wherein the computer program is further executable on the FSO computer system to execute: processing the first smart trigger to generate a first processed smart trigger.

31.   (original): The system of claim 30, wherein the first smart trigger stored in the first memory further comprises a first scheduled date, wherein the first smart trigger is processed on or before the first scheduled date.

32.   (currently amended): The system of claim 30, wherein the processing the first smart trigger comprises deleting the first identifier from the first smart trigger.

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33.   (currently amended): The system of claim 32, wherein the first smart trigger stored in the first memory further comprises a first scheduled date, wherein the first scheduled date defines a date for processing the first smart trigger.

34.   (original): The system of claim 31, wherein the FSO computer system comprises a current date, and wherein the computer program is further executable on the FSO computer system to execute:

comparing the scheduled date of the smart trigger to the current date;

executing the first processing task and processing the first data contained in the first FSO related data set in response to the scheduled date being on or before the current date; and

not executing the first processing task in response to the scheduled date being after the current date.

35.   (original): The system of claim 32, wherein the first memory comprises a smart trigger table wherein the smart trigger table comprises N rows each one of which comprises one smart trigger, and wherein the computer program is further executable on the FSO computer system to execute:

a)   setting a counter X to one;

b)   incrementing X by one;

c)   reading an Xth smart trigger from the smart trigger table;

d)   comparing an Xth scheduled date of the Xth smart trigger to the current date;

e)   executing an Xth processing task and processing Xth data contained in an Xth data set in response to the Xth scheduled date of the Xth smart trigger being on or before the current date;

f)   not executing the Xth processing task in response to the Xth scheduled date of the Xth smart trigger being after the current date; and

g)   repeating b) through f) until X equals N.

36.   (original): The system of claim 27, wherein the first smart trigger comprises one or more data fields, wherein data in the one or more data fields is passed to the first FSO related processing task in response to reading the smart trigger.

37. (currently amended): The system of claim 27, wherein the first FSO related data set comprises a customer account record containing data relating to a customer of the FSO, wherein the first data identifier assigned to the first FSO related data set comprises a customer account number corresponding to the customer account record.

38. (original): The system of claim 33, wherein the FSO computer system further comprises a smart trigger processing task for processing the first smart trigger, wherein the smart trigger processing task is configurable to be executed periodically, wherein the scheduling of the period of execution is configurable by a user of the FSO computer system.

39. (original): The method of claim 32, wherein the computer program is further executable on the computer system to execute: deleting the first processing task identifier in response to executing the first processing task.